



DEPARTMENT OF THE AIR FORCE

Headquarters Electronic Systems Center (AFMC)
Hanscom Air Force Base, Massachusetts

20 August, 1996

MEMORANDUM FOR SEE DISTRIBUTION

FROM: PEO C3S PM TRCS
SFAE-C3S-TRC-BMD
Ft Monmouth, NJ 07703

ESC/TG-4
175 Vandenberg Dr., Bldg 1630
Hanscom AFB, MA 01731

SUBJECT: JTIDS Class 2M Cost Working Group Meeting #4 [14 August 1996]
Minutes

1. The fourth JTIDS Class 2M Cost Working Group (CWG) meeting was held 14 August 1996 at Anser Corp., in Crystal City. The meeting was called to order by Arnie Horowitz, who presented an overview. The following paragraphs detail the specific items discussed at the meeting. Related items have been grouped under common headings. Attachment 1 contains the attendance list. Attachment 2 contains the briefing presented at the meeting.
2. CARD
 - a. There will be a major change to the CARD reflecting the new maintenance concept - PM-TRCS Logistics personnel are working on updating the CARD.
 - b. MIDS Risk. The question was raised about what happens if MIDS is not available. The MIDS Risk is not within the scope of the estimate. However, MIDS quantities are included in the SAMP but are not included in the CARD. This conflict needs to be resolved.
 - c. The following outstanding issues were discussed:
 - i. Re-write the logistics section and maintain consistency in terminology.
 - ii. Revise Appendix A and add a WBS Dictionary.
 - iii. Integration efforts need to be further defined.
 - iv. Typo in Section 4 indicating OMA funding needs to be changed to OPA funding.

3. CAIG WAIVER

- a. Discussion of redesignating the program from ACAT 1D to a lower level and the impact on the CAIG occurred. Steve Miller proposed that that would not solve the problem and that the Program Office should submit a letter requesting that the formal review procedures be canceled because of the small amount of work (both in terms of terminal quantities and dollars required) remaining. He saw no statutory requirement to brief OSD. The plan is to still present an approved Service Cost Position (SCP) to the OSD analyst for his review/approval and then to solicit a formal waiver of the CAIG.
- b. Sufficient documentation will be provided in order for the estimate to be properly reviewed at the OSD level.
- c. The CWG feels that a cost estimating methodology/scope briefing be given in early/mid September to Mr. Young (CEAC), with Major Vander Wissle (AFCAIG) in attendance. The intent of this briefing would be to get his approval as to the scope and methodology of the estimate prior to formally completing the SCP.
- d. The question of funding availability for the recurring installation and integration costs for the platforms was raised. Army PA&E should be advised of the requirement to fund for the installation.

4. SCHEDULE

- a. The schedule was discussed and revised. See Attachment 3 for the revised schedule.
- b. The suggestion was made to convene an O&S/Logistics meeting with PM-TRCS/JPO/CWG prior to the contractor plant visit.

5. SAMP

- a. The SAMP coordination and signature process was discussed.
- b. The CWG recommends that the SAMP reference cost estimating results as opposed to actually incorporating them into the SAMP. This would facilitate the maintenance and update of the SAMP.
- c. Risk elements in the SAMP should be consistent with the estimate results.
- d. Recommend that the cost reporting requirements be included in the SAMP.

6. O&S

- a. CARD and SAMP need to be consistent. New maintenance concept needs to be included in CARD. This effort will be the major portion of the estimate. Contractor participation is required. Logisticians need to provide their inputs prior to contractor plant visit.

7. CONTRACTOR VISIT
 - a. The CWG agrees that the contractor visit should be limited to small number of appropriate people. Ascani, Ahmed, Horowitz, Miller, Sweeney, Vander Wissle were identified. No others expressed interest. Data being sought is FY94 (THAAD) actual build data and repair cost history.
8. ESTIMATE STRUCTURE
 - a. The estimate structure and methodologies were completely reviewed.
 - b. Maj Vander Wissle suggested that the costs be grouped by phase rather than by appropriation.
 - c. System Test & Evaluation costs should be broken out by contractor and government, if applicable.
 - d. Breakout Risk dollars in separate category.
9. ACTION ITEMS - See Attachment 4
10. The meeting was adjourned at 1415.

Mr. J. Myslinski
PM TRCS
Cost WG Co-Chair

Mr. K. Sweeney
ESC/TG-4
Cost WG Co-Chair

Distribution

See next page for distribution

Attachments

1. Attendance
2. Cost Working Group #4 Briefing
3. Schedule
4. Action Items

Distribution

<u>Name</u>	<u>Organization</u>
Ahmed, Dr. Altar	USA CEAC
Anderson, Mr. Gus	OSD/PA&E
Ascani, Mr. Tim	ESC/TG-4
Bradford, Mr. Robert	ARES/BMDO
Coudert, Mr. Ernie	ESC/FMC
Dhaliwal, Mr. Sher	USA CEAC
Feldman, Mr. John	TASC
Finch, Mr. Howard	PEO C3S PM-TRCS
Forman, Ms. Joni	OUSD(API)/PM
Hewitt, Mr. Les	ARES/BMDO
Hillstead, Capt. Scott	ESC/FMC
Horowitz, Mr. Arnold	PEO C3S PM TRCS
Knox, Mr. R. Wayne	OSD/PA&E
Kraus, LTC Karl	Joint Staff (J8 ATD)
Mayfield, LTC Cal	ODISC4-C4T
McGovern, Maj Mike	SAF/AQII
Micklton, Ms. Song	PEO C3S
Miller, Mr Steve	OSD/PA&E
Milster, Maj Ed	PEO Air and Missile Defense
Myslinski, Mr. Joseph	PEO C3S PM-TRCS
Nance, LT Joe	ESC/TG-4
Nunley, Maj Randy	ESC/TG-4M
Schultz, Mr. Brian	SAF/AQII (ANSER)
Sheehan, Mr. Darrel	TASC
Smith, Ms. Ann	HQ AMC
Sweeney, Mr. Kevin	ESC/TG-4
Thompson, Mr. Bob	ESC/TG-4
Van der Wissel, Maj Pat	SAF/FMCC

ATTACHMENT 1 - Attendance List

<u>Name</u>	<u>Organization</u>
Ahmed, Dr. Altar	USA CEAC
Ascani, Mr. Tim	ESC/TG-4
Bradford, Mr. Robert	ARES/BMDO
Coudert, Mr. Ernie	ESC/FMC
Horowitz, Mr. Arnold	PEO C3S PM TRCS
Knox, Mr. R. Wayne	OSD/PA&E
Miller, Mr Steve	OSD/PA&E
Milster, Maj Ed	PEO Air and Missile Defense
Schultz, Mr. Brian	SAF/AQII (ANSER)
Sheehan, Mr. Darrel	TASC
Thompson, Mr. Bob	ESC/TG-4
Van der Wissel, Maj Pat	SAF/FMCC

COST WORKING GROUP MEETING 4

AUG 14, 1996

AGENDA

- **CARD**
- **CAIG WAIVER**
- **FINALIZE SCHEDULE**
- **SAMP**
- **O&S METHODOLOGY**
- **ESTIMATE EMERGING RESULTS**
- **CONTRACTOR VISIT**
- **FOLLOW ON ACTIONS**

CARD

- OPEN ACTIONS (Q&A)
- WG CONCURRENCE TO GO FINAL

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CAIG WAIVER

- WAIVER WILL BE SOUGHT
 - ARMY/AF APPROVE SCP
 - FORWARD SCP TO CAIG
 - INFORMAL CAIG REVIEW
 - REDUCED REVIEW TIME

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FINALIZE SCHEDULE

- HERE'S BOB....

SAMP

- AWAITING RESULTS FROM SCP
- BUDGET LEVEL

O&S METHODOLOGY

- REPAIR CONCEPT FINALIZED
 - DBOF MGT OF 9 SRUs AND ITEM MGT OF RTSA
 - CONTRACTOR PRE-OP SPT
 - NADEP REPAIR OF COMMON SRUs
 - CONTRACTOR REPAIR THROUGH CECOM FOR UP TO 3 YRS

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ESTIMATE EMERGING RESULTS

- RDT&E
- PROCUREMENT
- MILITARY PAY
 - UNCHANGED
- O&S
 - NOT COMPLETE

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CONTRACTOR VISIT

- DATA REVIEW AND CLARIFICATION
 - PLAN WEEK OF 9 SEPTEMBER
 - LIMITED PERSONNEL (6)
 - Miller
 - Ahmed
 - JPO/PM
 - 1-2 DAYS

CONTRACTOR AGENDA

- FY94 BUILD ACTUAL DATA
- LOGISTICS
 - REPAIR COST HISTORY

FOLLOW ON ACTIONS

ACTION

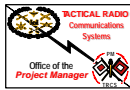
Budget levels for
installation for
platforms

OPR

OSD

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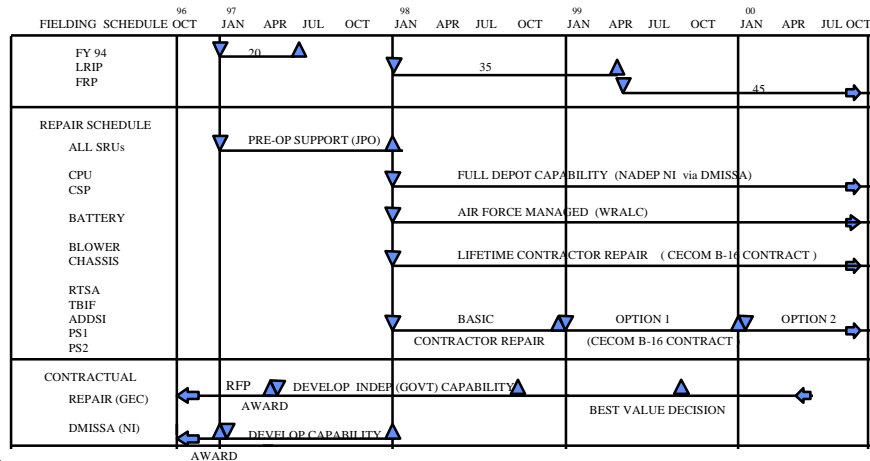
DEPOT PROGRAM OBJECTIVES

- DEFINE A COST EFFECTIVE, LOW RISK, DEPOT LEVEL MAINTENANCE PROGRAM
- DEVELOP THE PLAN
- IMPLEMENT PROGRAM

PROJECT MANAGER TACTICAL RADIO COMMUNICATIONS SYSTEMS



JTIDS 2M Depot Repair Concept



PROJECT MANAGER TACTICAL RADIO COMMUNICATIONS SYSTEMS



DEPOT LEVEL MAINTENANCE PROGRAM

- USE DBOF FOR MANAGEMENT OF 9 SRU's AND SPECIFIC CECOM ITEM MANAGER FOR RTSA
- UTILIZE GEC FOR PRE-OPERATIONAL SUPPORT(JPO)
- UTILIZE NADEP (NI) FOR REPAIR OF CPU AND CSP
- UTILIZE AF ITEM MANAGER FOR BATTERY ASSEMBLY
- UTILIZE GEC FOR BLOWER AND CHASSIS FOR LIFE CYCLE(APPROXIMATELY ONE REPAIR PER YEAR)
- AWARD CECOM CONTRACT TO GEC FOR 5 SRU's :
 - PROCURE ADDITIONAL EQUIP TO REPAIR SRU's
 - DEVELOP INDEPENDENT CAPABILITY
 - UTILIZE BASIC AND 2 - ONE YEAR OPTIONS FOR GEC REPAIR
 - BEST VALUE DECISION AFTER GOV'T CAPABILITY EXISTS

PROJECT MANAGER TACTICAL RADIO COMMUNICATIONS SYSTEMS



DBOF SUPPORT

- DBOF SUPPORT INCLUDES THE FOLLOWING:
 - MANAGEMENT OF PROGRAM
 - REPAIR OF SRU's
 - PROCUREMENT OF PIPELINE SPARES
 - MANAGEMENT OF NON PROCURABLE PIECE PARTS TO INCLUDE SPECIAL BUYS AND SRU REDESIGN
 - TRANSPORTATION COSTS
 - VALUE ENGINEERING PROGRAM
 - UPGRADES TO TEST EQUIPMENT

PROJECT MANAGER TACTICAL RADIO COMMUNICATIONS SYSTEMS

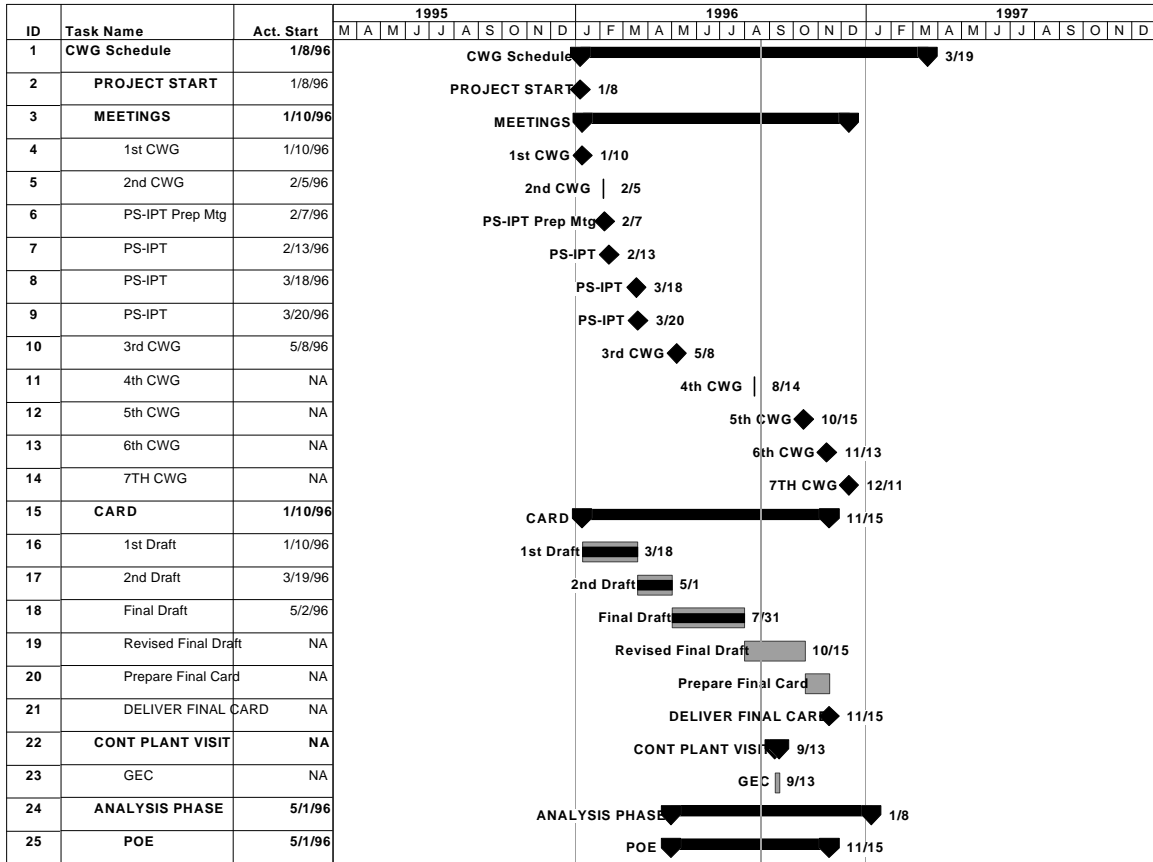


GFE REQUIREMENTS

- GFE REQUIREMENTS TO SUPPORT THIS PROGRAM:
 - GEC REQUIRES 2 VXI TEST STATIONS AND 1 TERMINAL FOR DEVELOPMENT AND INITIAL REPAIRS
 - IF TRANSFERRED -DEPOT WILL REQUIRE 1 TERMINAL (1 EDM NOW ON CONTRACT TO BE UPGRADED) AND 1 VXI FROM GEC, 2nd TERMINAL AT GEC TRANSFERRED TO DEPOT WHEN REQUIRED
 - NADEP HAS CPU AND CSP TEST EQUIPMENT TO VERIFY REPAIRS

PROJECT MANAGER TACTICAL RADIO COMMUNICATIONS SYSTEMS

ATTACHMENT 3 - Schedule



ATTACHMENT 4 - Action Items

<u>AI Number</u>	<u>Date Originated</u>	<u>Date Needed</u>	<u>Date Completed</u>	<u>POC</u>
CWG-AI-008	14-Aug-96			Horowitz, Mr. Arnold

Action

Arrange a meeting with logisticians prior to the contractor plant visit

Efforts to Date

Tentatively scheduled for 27 August at PM TRCS.

<u>AI Number</u>	<u>Date Originated</u>	<u>Date Needed</u>	<u>Date Completed</u>	<u>POC</u>
CWG-AI-009	14-Aug-96			Sweeney, Mr. Kevin

Action

Determine the specific items that the CWG will request from the contractor during the plant visit

Efforts to Date

None Reported

<u>AI Number</u>	<u>Date Originated</u>	<u>Date Needed</u>	<u>Date Completed</u>	<u>POC</u>
CWG-AI-010	14-Aug-96		18 -Aug-96	Ascani, Mr. Tim

Action

Provide a complete package of ACEIT session in hardcopy and soft copy via FEDEX to Dr. Ahmed

Efforts to Date

Package sent on 18 Aug

<u>AI Number</u>	<u>Date Originated</u>	<u>Date Needed</u>	<u>Date Completed</u>	<u>POC</u>
CWG-AI-011	14-Aug-96			Sweeney, Mr. Kevin

Action

Revise CARD Appendix A and WBS Dictionary

Efforts to Date

None Reported

<u>AI Number</u>	<u>Date Originated</u>	<u>Date Needed</u>	<u>Date Completed</u>	<u>POC</u>
CWG-AI-012	14-Aug-96			Horowitz, Mr. Arnold

Action

Integration/Installation effort needs more complete definition

Efforts to Date

None Reported